

Saravanamuthu Muthusamy

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<https://github.com/saravanamuthu1>

EDUCATION

Saint Louis University – Masters in Computer Science

Aug 2021 to May 2023

- Awarded Global Grad scholarship to the value of \$11,400

Anna University – Bachelors in Computer Science

Aug 2016 to Apr 2020

WORK EXPERIENCE

Web Developer | Graduate Assistant, Saint Louis University

June 2022 to May 2023

- Spearheaded web development projects utilizing HTML, CSS, and JavaScript technologies, resulting in the creation of engaging and intuitive websites.
- Conducted independent research on AWS to identify opportunities for system enhancement and developed actionable plans. Implemented approved plans, documenting code and notes for supervisor evaluation at the end of each work shift.
- Demonstrated problem-solving prowess, efficiently resolving bugs, and delivering high-quality code to ensure seamless website functionality and exceptional user experience.

KEY SKILLS

- Programming Language** – Python, R, MySQL, MongoDB, PostgreSQL
- Web Development** - HTML5, CSS3, JavaScript, ReactJS, Express NodeJS, AWS (S3, EC2), Docker, Jenkins
- Libraries/Frameworks** - Numpy, Matplotlib, Keras, Pandas, Seaborn, Scikit-learn, Flask, Streamlit
- Data Analysis** - Microsoft Excel, Pivot Table, Power Query, Exploratory Data Analysis, Tableau, Power BI
- Version control systems** - Git and GitHub
- Project Management** - PyCharm, Visual Studio, Slack, Discord, Click up, Microsoft Office Package, JIRA
- Soft Skills** - Communication, Multitasking, Problem-Solving, Teamwork, Critical Thinking, Presentation Skills

COURSEWORK

- Web development, Natural Language Processing, Networking, Machine Learning, Principle Software Development.

PROJECTS

Mobile Banking Application | Python

Mar 2023

- Relevant Skills: Django, REST API, Python, PostgreSQL, Bootstrap5, Html, CSS.
- <https://github.com/saravanamuthu1/Mobile-Banking-App>

Contextual Spell Checker | Python

Dec 2022

- Relevant Skills: Flask, JavaScript, Python, HTML5, Bootstrap5
- <https://github.com/saravanamuthu1/Context-SpellChecking>

CERTIFICATION

Python and JavaScript | Udemy

Silver Badge in Python | HackerRank

Silver Badge in Java | HackerRank

Data Analytics and Visualization Virtual Experience | Accenture

Google Data analytics Certificate| Grow with Google on Coursera

Introduction to Tensor Flow for Artificial Intelligence, Machine learning and Deep learning| Coursera